

Sub J

What is claimed is:

1. A method of projecting images from a two-dimensional light valve onto a continuously moving object, said method comprising of placing a scanning element between said light valve and said object, said scanning element synchronized with said light valve and said object in a manner making said image stationary relative to said object.
2. A method of projecting images from a two dimensional light valve onto an object while relative motion exists between said light valve and said object, said method comprising of placing a scanning element between said light valve and said object, said scanning element making said images temporarily stationary relative to said object.
3. A method as in claim 1, wherein said light valve is part of a video projector.
4. A method as in claim 1 wherein said light valve is a Deformable Mirror Device.
5. A method as in claim 1 wherein said object is a lithographic printing plate.
6. A method as in claim 1 wherein said object is a printed circuit board.
7. A method as in claim 2 wherein said object is a liquid photopolymer.

BEST AVAILABLE COPY

8. A method of projecting images from a two dimensional light valve onto a continuously moving object, said light valve generating a rapid sequence of stationary images, said method comprising placing a scanning element between said light valve and said object, said scanning device making each one of said stationary images appear stationary relative to said moving object.
9. A method as in claim 1 wherein said scanning device is a galvanometer driven mirror.
10. A method as in claim wherein said galvanometer includes provisions for electronically controlling scan linearity.
11. A method as in claim 8 wherein said galvanometer includes provisions for electronically controlling scan linearity.
12. A method as in claim 8 wherein said object is a printing plate.
13. A method as in claim 8 wherein said object is a printed circuit board.
14. A Computer-to-Plate machine comprising of a video projector, a printing plate mounted on a rotating drum and a galvanometer scanner placed between said video projector and said printing plate.